

REMARKS

Claims 1-23 were pending and stand rejected. Claims 1-12 and 14-23 have been cancelled. New claims 24-44 have been added. Claims 13 and 24-44 are pending upon entry of this amendment.

The Examiner objected to the drawings as failing to comply with 37 CFR 1.84(p)(5) because they a) included reference characters that were not mentioned in the description and b) did not include a reference character that was mentioned in the description. FIG. 1 has been amended to remove reference characters 106 and 109. FIG. 4 has been amended to remove reference character 426. The description has been amended to include reference characters 412A-C. No new matter has been added by these amendments.

The description has also been amended to correct typographical errors. No new matter has been added by these amendments.

Claims 4 and 16-20 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite. Claims 4 and 16-20 have been cancelled.

Claims 1-3, 6, 9, 11, 13-15, and 21 stand rejected under 35 U.S.C. 102(b) as being anticipated by Daniel. Applicant respectfully traverses. Claims 1-3, 6, 9, 11, 14-15, and 21 have been cancelled. Claim 13 recites:

A method of displaying an expression being capable of representation in infix and prefix notation, and comprising a plurality of operators and operands, the method comprising:

- displaying the expression as a prefix expression tree, wherein the plurality of operands comprise the leaves of the expression tree; and
- inserting a plurality of infix operators corresponding with the plurality of operators into the prefix expression tree, wherein, the plurality of operands and infix operators represent the expression in infix notation.

Daniel does not disclose, teach, or suggest the claimed element “displaying the expression as a prefix expression tree.” Daniel discusses enabling a user to filter events into categories or groups by using selection criteria (a Boolean expression that is applied to an event and evaluated; 4:47-55). FIG. 5 shows the user interface for working with selection criteria (4:40-42). FIG. 6 shows the expression flow of the user interface shown in FIG. 5 (4:56-57). User information (selection criteria) is converted into an expression tree (4:63-65), which is then converted into a prefix data stream (4:65-67).

In Daniel, the expression tree is not displayed. Instead, it is used internally as a data structure. Thus, Daniel does not disclose, teach, or suggest the claimed element “displaying the expression as a prefix expression tree.” Daniel also fails to disclose, teach, or suggest “inserting a plurality of infix operators corresponding with the plurality of operators into the prefix expression tree.” Claim 13 is therefore patentable over Daniel for at least this reason.

Claims 4 and 16 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Daniel in view of Wiegel and Official Notice. Claims 5 and 23 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Daniel in view of Wiegel. Claims 7-8 and 22 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Daniel in view of Ahlstrom. Claims 10 and 12 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Daniel in view of Coden. Claims 17-20 would be allowable.

Claims 4-5, 7-8, 10, 12 16-20, and 22-23 have been cancelled.

Although the Examiner has not rejected new independent claim 24, Applicant notes that this claim is directed to a “user interface for representing an expression, comprising: a graphical representation of a tree that represents the expression.” Claim 24 is patentable over Daniel for at

least the reasons discussed above with respect to claim 13. New independent claims 36 and 44 contain similar claim language and are likewise patentable over Daniel.


The claims not specifically mentioned above depend from their respective base claims, which were shown to be patentable over Daniel. In addition, these claims recite other features not included in their respective base claims. Thus, these claims are patentable over Daniel for at least the reasons discussed above, as well as for the elements that they individually recite.

Applicant respectfully submits that the pending claims are allowable over the cited art of record and requests that the Examiner allow this case. The Examiner is invited to contact the undersigned in order to advance the prosecution of this application.

Respectfully submitted,

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